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Docket No. 04686/00004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANT:** Colson et al. **EXAMINER:** To be Assigned  
**SERIAL NO.:** 09/869,941 **GROUP:** 1771  
**FILED:** 04 January 2002  
**FOR:** Nonwoven Fabric and Method and Apparatus for  
Manufacturing Same

HONORABLE COMMISSIONER OF PATENTS  
WASHINGTON, DC 20231

Sir:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97, Applicant herewith submits the publications and/or patents shown on the attached form PTO-1449, for consideration by the Examiner in connection with the examination of the above-identified patent application.

**REMARKS**

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- X (1) within three (3) months of the Filing Date or before the mailing date of the First Office Action on the merits; or
- (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and the requisite fee under Rule 1.17(p) is included herein; or
- (3) after the mailing date of a Final Rejection or Notice of Allowance but before the payment of the Issue Fee, and the requisite Certification, petition, and petition fee are included herein.

It is respectfully requested that each of the documents shown on the

IDS  
U.S.S.N. 09/869,941  
Page No. 2

attached form(s) PTO-1449 be made of record in this application. Copies of these documents (CHECK ONE):

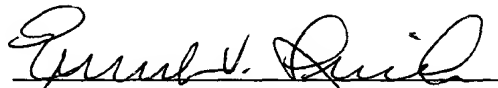
X are enclosed herewith; or  
— are in the file of related application Serial No. 00/000,000, filed \_\_\_\_\_, and are thus not being resubmitted herein.

Early examination and allowance of the present application are respectfully solicited.

#### **FEE AUTHORIZATION**

Should any fee associated with the submission of this paper not be attached hereto as a check, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 19-0733. Any overpayments should be credited to said Deposit Account.

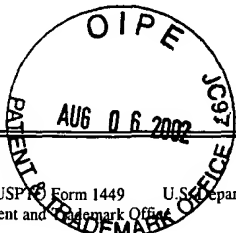
Respectfully submitted,

  
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Date:

8/2/02

Document No. 81754



zx  
USPTO Form 1449 U.S. Department of Commerce  
Patent and Trademark Office

**INFORMATION DISCLOSURE  
CITATION**

Sheet 1 of 2

Attorney Docket No.  
04686/00004

Applicant(s): Colson, et al.

Filing Date: 04 January 2002

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Group: 1771

**U.S. PATENT DOCUMENTS**

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	AA	4,265,691	05/05/1981	Usui	156	172	10/19/1978
	AB	4,511,424	04/16/1985	Usui	156	426	05/28/1982
	AC	2,797,728	07/02/1957	G. Slayter, et al.	154	1.7	11/23/1949
	AD	4,411,722	10/25/1983	Yazawa, deceased, et al.	156	167	07/02/1981
	AE	5,061,545	10/29/1991	Li et al.	428	195	11/28/1988
	AF	3,591,434	07/06/1971	F.W. Hartstein	156	178	08/21/1967
	AG	4,132,828	01/02/1979	Nakamura, et al.	428	366	06/24/1977
	AH	3,686,048	08/22/1972	Schirtzinger	156	161	10/14/1969
	AI	3,663,331	05/16/1972	Solbeck	156	181	06/18/1970
	AJ	4,687,528	08/18/1987	Held	156	150	04/24/1986
	AK	4,498,941	02/12/1985	Goldsworthy	156	148	08/29/1983
	AL	5,558,016	09/24/1996	De Brock	100	93 P	06/10/1988
	AM	3,737,950	06/12/1973	Bolliand, et al.	19	65 T	07/12/1971
	AN	5,097,783	03/24/1992	Linville	114	103	05/18/1990

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
	BA	GB 1 463 969	02/09/1977	Great Britain				X
	BB	JP 01-210318	08/23/1989	Japan	B 29 C	43/48		X

	BC	JP 63-267525	11/04/1988	Japan	B 29 C	43/44		X
	BC	EP 0 255 596	02/10/1988	Europe	B 29 C	43/48		
	BD	EP 0 470 584 A2	06/08/1991	Europe	B 32 B	31/20	X	
	BE	DE 30 46 431 A 1	09/09/1982	Germany	B 30 B	5/06		X
	BF	DE 30 46 432 A1	08/19/1982	Germany	B 30 B	5/06		X
	BG	GB 1 440 081	06/23/1976	Great Britain	D 04 H	3/04	X	
	BH	GB 2 041 028	09/03/1980	Great Britain	D 04 H	3/04	X	
	BI	CA 889 808	01/04/1972	Canada				
	BJ	EP 0 292 266 A2	11/23/1988	Europe	B 29 B	15/08	X	
	BK	EP 0 885 803 A2	12/23/1998	Europe	B 63H	9/06	X	
	BL	WO 80/02850	12/24/1980	PCT				
	BM	WO 00/41523	07/20/2000	PCT				
	BN	WO 01/21399 A1	03/29/2001	PCT				
	BO	WO 01/21877 A1	03/29/2001	PCT				
	BP	WO 01/21383 A1	03/29/2001	PCT				

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**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

CA	International Search Report (Hunter Douglas Inc., et al) PCT/US00/00571; Int'l. Filing date 10/01/2000.
CB	International Search Report (Hunter Douglas Inc., et al) PCT/US00/25680; Int'l. Filing date 09/20/2000.
CC	International Search Report (Hunter Douglas Inc., et al) PCT/US00/25681; Int'l. Filing date 09/20/2000.
CD	International Search Report (Hunter Douglas Inc., et al.) PCT/US00/25793; Int'l. Filing date 09/20/2000.

**RELATED U.S. PATENT APPLICATIONS**

DA	U.S.S.N. 10/088,576 filed 19 March 2002 corresponds to PCT International Publication No. WO 01/21399 A1 referenced above as letter BN.
DB	U.S.S.N. 10/088,614 filed 19 March 2002 corresponds to PCT International Publication No. WO 01/21877 A1 referenced above as letter BO.
DC	U.S.S.N. 10/088,613 filed 19 March 2002 corresponds to PCT International Publication No. WO 01/21383 A1 referenced above as letter BP.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

\*\*Copies of references not provided at the time of this submission.